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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Stanley S. Toncich)	Dkt. No.: UTL 00161
)	
Serial No.:	10/077,654)	Art Unit: 2817
)	
Filed:	February 14, 2002)	Examiner: To Be Assigned
)	
Title:	TUNABLE ISOLATOR)	

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. 1.97 and 1.98 and the duty of disclosure set forth in 37 C.F.R. 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO/SB/08A submitted herewith. A copy of each of the listed references is also enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This Information Disclosure Statement is being submitted by express mail pursuant to 37 C.F.R. § 1.10, and therefore has a filing date of the date of deposit. This submission includes:

1. Information Disclosure Statement by Applicant (6 pages)
2. One Copy of Each Reference
3. Postcard

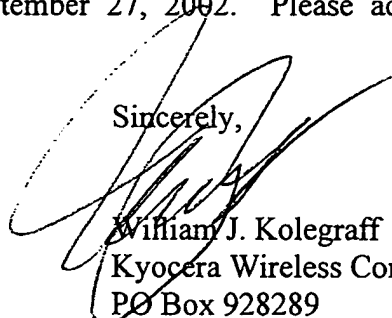
I certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

William J. Kolegraff

Date of Deposit: September 27, 2002

Respectfully submitted September 27, 2002. Please address any questions or comments to the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read 'William J. Kolegraff', is written over the typed name and address.

William J. Kolegraff
Kyocera Wireless Corp.
PO Box 928289
San Diego, CA 92192-8289
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Reg. No. 41,125

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
Sheet	1	of	6	Application Number	10/077,654
				Filing Date	February 14, 2002
				First Named Inventor	Stanley S. Toncich
				Art Unit	2817
				Examiner Name	To Be Assigned
				Attorney Docket Number	UTL 00161

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code ² (if known)			
	1	us- 5,729,239	03-17-1998	Rao, Jaganmohan B.L.	
	2	us- 6,049,726	04-11-2000	Gruenwald, Werner, et al.	
	3	us- 6,160,524	12-12-2000	Wilber, William	
	4	us- 6,198,441 B1	03-06-2001	Okabe, Hiroshi	
	5	us- 6,028,561	02-22-2000	Takei, Ken	
	6	us- 5,973,567	10-26-1999	Heal, Mark D., et al.	
	7	us- 4,475,108	10-02-1984	Moser, Kenneth R.	Abstract, Fig. 1
	8	us- 3,678,305	07-18-1972	George, Edward	
	9	us- 3,918,012	11-04-1975	Peuzin, Jean Claude	
	10	us- 5,450,092	09-12-1995	Das, Satyendranath	
	11	us- 6,333,719 B1	12-25-2001	Varadan, Vijay K.	
	12	us- 5,212,463	05-18-1993	Babbitt, Richard W., et al.	
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	14	us- 5,617,104	04-01-1997	Das, Satyendranath	
	15	us- 5,307,033	04-26-1994	Koscica, Thomas E., et al.	
	16	us- 5,427,988	06-27-1995	Sengupta, Louise, et al.	
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	18	us- 5,561,407	10-01-1996	Koscica, Thomas E., et al.	
	19	us- 5,589,845	12-31-1996	Yandrowski, Robert M.	
	20	us- 5,496,795	03-05-1996	Das, Satyendranath	

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		Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)				
	21	WO 00/62367	10-19-2000	Carlsson, Erik, et al.		
	22	JP 29-05-00 2001338839	07-12-2001	Tsuneo, Mishima		
	23	EP 0 637 131 A1	02-01-1995	Fujita Masanori		
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	29	WO 00/28613	05-18-2000	engupta, Louise, et al.		
	30	DE 40 36 866 A1	07-25-1991	Yamamoto, Masaki		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 6

Complete if Known

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First Named Inventor	Stanley S. Toncich
Art Unit	2817
Examiner Name	To Be Assigned
Attorney Docket Number	UTL 00161

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		Number - Kind Code ² (if known)			
	31	US- 6,097,263	08-01-2000	Mueller, Carl H., et al.	
	32	US- 5,987,314	11-16-1999	Salto, Atsushi	
	33	US- 5,472,935	12-5-1995	Yandrofski, Robert, et al.	
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	35	US- 5,166,857	11-24-1992	Avanic, Branko, et al.	
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	49	US- 5,617,104	04-01-1997	Das, Satyendranath	
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	51	EP 1 043 741 A2	10-11-2000	Klee, Mareike, et al.		
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	55	WO 00/79645 A1	12-28-2000	Falk, Kent, et al.		
	56	WO 94/13028	06-09-1994	Yandrofski, et al.	Col. 8, lines 9-26,	
	57				Figs. 30-31; p. 14,	
	58				par. 4, abst.,	
	59				figs. 2, 4, 11	
	60					

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/077,654
		Filing Date	February 14, 2002
		First Named Inventor	Stanley S. Toncich
		Group Art Unit	2817
		Examiner Name	To Be Assigned
		Attorney Docket Number	UTL 00161
Sheet	3	of	6

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	61	A. Presser, "Varactor-Tunable, High-Q Microwave Filter," RCA Review, Vol. 42, Dec. 1981, pp. 691-705.	
	62	C. Chang and T. Itoh, "Microwave Active Filters Based on Coupled Negative Resistance Method," IEEE Trans. on Microwave Theory and Techniques, Vol. 38, No. 12, Dec. 1990, pp. 1879-1884.	
	63	P. Katzin, B. Bedard, and Y. Ayasli, "Narrow-Band MMIC Filters with Automatic Tuning and Q-Factor Control," 1993 IEEE MTT-S Int. Microwave Symp. Digest pp.403-406.	
	64	B. Hopf, I. Wolff, and M. Guglielmi, "Coplanar MMIC Active Bandpass Filters Using Negative Resistance Circuits," 1994 IEEE MTT-S Symposium Digest, pp. 1183-1185.	
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	66	B. Nauta, "A CMOS Transconductance-C Filter Technique for Very High Frequencies," IEEE Journal of Solid-State Circuits, Vol. 27, No. 2, February 1992, pp. 142-153.	
	67	K Fujita, H. Itoh, R. Yamamoto, "A 15.6 GHz Commercially Based 1/8 GaAs Dynamic Presealer," 1989 IEEE GaAs IC Symposium, pp. 113-116.	
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	70	I. C. Hunter and John D. Rhodes, "Electronically Tunable Microwave Bandpass Filters," IEEE Trans. on MTT, Vol. 30, No. 9, September 1982, pp. 1354-1367.	
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	72	B. Yu. Kapilevich, "Variety of Approaches to Designing Microwave Active Filters," Proc. 27th European Microwave Conf., Jerusalem, Vol. 1, 1997, pp. 397-408.	
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	81	R. L. Slevin, "Design of a Tunable Multi-Cavity Waveguide Band-Pass Filter," 1959 IRE National Convention Record, Part 3, pp. 91-112.	
	82	J.J. Taub and B. F. Bogner, "Design of Three-Resonator Dissipative Band-Pass Filters Having Minimum Insertion Loss," Proc. IRE 45, pp. 681-687 (May 1957).	

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	83	K.L. Kotzebue, "Broadband Electronically-Tunable Microwave Filters," 1960 IRE Wescon Convention Record, Part 1, pp.21-27.	
	84	J.P. Louhos and I. Pankinaho, "Electrical Tuning of Integrated Mobile Phone Antennas," Nokia Mobile Phones, pp. 69- 97 (September 15, 1999).	
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	87	V. K. Varadan, K. A. Jose, V. V. Varadan, "Design and Development of Electronically Tunable Microstrip Antennas," IOP Publishing Ltd., pp.238-242 (1999).	
	88	Communication Relating to the Results of the Partial International Search: PCT/IB 02/01077 (2002).	
	89	International Search Report: PCT/IB 02/01086 (June 24, 2002).	
	90	International Search Report: PCT/IB 02/01078 (July 10, 2002).	
	91	International Search Report: PCT/IB 02/01087 (July 19, 2002).	
	92	International Search Report: PCT/IB 02/01107 (July 11, 2002).	
	93	International Search Report: PCT/IB 02/01120 (July 11, 2002).	

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	94	International Search Report: PCT/IB 02/01098 (July 4, 2002).	
	95	International Search Report: PCT/IB 02/01082 (July 8, 2002).	
	96	International Search Report: PCT/IB 02/01144 (July 12, 2002).	
	97	International Search Report: PCT/IB 02/01026 (June 28, 2002).	
	98	International Search Report: PCT/IB 02/01027 (June 25, 2002).	
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